

# **BEYER WEAVER & THOMAS, LLP**

INTELLECTUAL PROPERTY LAW

590 W. El Camino Real, Mountain View, CA 94040  
Telephone: (650) 961-8300 Facsimile: (650) 961-8301  
www.beyerlaw.com

**RECEIVED  
CENTRAL FAX CENTER**

**JAN 26 2005**

## **FACSIMILE COVER SHEET**

January 26, 2005

**Receiver:** Fazli Erdem, Patent Examiner, Art Unit 2826

**TEL #:** (571) 272-1914

**FAX #:** (703) 872-9306

**Sender:** Michael Lee, Registration No. 31,846

**Our Ref. No.:** 01-569/LSI1P177

**Re:** U.S. Patent Application No. 10/044,864  
Filed: October 22, 2001  
Title: METHOD FOR CREATING BARRIERS FOR COPPER DIFFUSION

**Pages Including Cover Sheet(s):** 8

### **MESSAGE:**

---

#### **CONFIDENTIALITY NOTE**

The information contained in this facsimile (FAX) message is legally privileged and confidential information intended only for the use of the receiver or firm named above. If the reader of this message is not the intended receiver, you are hereby notified that any dissemination, distribution or copying of this FAX is strictly prohibited. If you have received this FAX in error, please immediately notify the sender at the telephone number provided above and return the original message to the sender at the address above via the United States Postal Service. Thank you.

---

JAN 26 2005

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: ZUBKOV et al.

Attorney Docket No.: 01-569/LSI1P177

Application No.: 10/044,864

Examiner: ERDEM, Fazli

Filed: October 22, 2001

Group: 2826

Title: METHOD FOR CREATING BARRIERS  
FOR COPPER DIFFUSION

Confirmation No.: 9835

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that this correspondence is being transmitted by facsimile to fax number 703-872-9506 to the U.S. Patent and Trademark Office on January 26, 2005.

Signed: Sue Funchess

Sue Funchess

**AMENDMENT F TRANSMITTAL**Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment in the above-identified application.

The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims	14	MINUS	20	0	x 25 =	x 50 = \$-0-
Independent Claims	4	MINUS	6	0	x 100 =	x 200 = \$-0-
Multiple Dependent Claim Present and Fee Not Previously Paid					\$180.00	\$360.00
Total					\$	\$-0-

- ☐ Applicant(s) hereby petition for a \_\_\_\_\_ month extension(s) of time to respond to the aforementioned Office Action.
- ☒ Applicant(s) believe that no (additional) Extension of Time is required; however, if it is determined that such an extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time under 37 CFR 1.136 to Deposit Account No. 12-2252 (Order No. 01-569).
- ☐ Enclosed is our Check No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the additional claim fee and/or extension of time fees.
- ☒ Please charge the required fees, or any additional fees required to facilitate filing the enclosed response, to Deposit Account No. 12-2252 (Order No. 01-569).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLPMichael LeeMichael Lee  
Registration No. 31,846P.O. Box 70250  
Oakland, CA 94612-0250

JAN 26 2005

---

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

---

***PATENT***

In re application of: ZUBKOV et al.

Attorney Docket No.: 01-569/LSI1P177

Application No.: 10/044,864

Examiner: ERDEM, Fazli

Filed: October 22, 2001

Group: 2826

Title: METHOD FOR CREATING BARRIERS  
FOR COPPER DIFFUSION

Confirmation No.: 9835

---

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that this correspondence is being transmitted by facsimile to fax number 703-872-9306 to the U.S. Patent and Trademark Office on January 26, 2005.

Signed: \_\_\_\_\_

*Sue Funchess*  
Sue Funchess

**AMENDMENT F**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Final Office Action dated December 2, 2004, please consider the following:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.